

ARKU

InfoMAX

Precision levelers for parts · Cut-to-length and punching lines · Press feeding lines · Coil preparation lines for roll formers

HiCap[®] PLUS – the news at the EuroBlech 2008

ARKU demonstrates how to increase capacity for cut-to-length lines considerably – space saving solution for integration into existing cut-to-length lines.

Hannover, Germany – EuroBLECH, leading international exhibition for the sheet metal industry, is the best place to present new products. At EuroBLECH 2008, ARKU features the new HiCap[®] PLUS leveler range. This leveler was developed for application in cut-to-length lines as well as blanks and perforated sheets. The ARKU R&D team faced the fundamental question: How can the capacity of cut-to-length lines be improved? Levelers are the core of each cut-to-length line – especially due to the high demands of high tensile material on the leveling equipment. Increasing capacity starts with the leveler! Following this



ARKU sales team at the EuroBLECH 2006 in Hannover.



Sales Engineer Patric Jobst making leveling tests with the FlatMaster[®] 50.

credo, the new HiCap[®] PLUS series uses a variety of features to get the job done. The cassette change system for leveling

rollers with varying diameters gives HiCap[®] PLUS levelers the thickness range of two machines. In just minutes, larger

diameter rollers can be installed for thicker strips. Integration in cut-to-length lines improves plant capacity for a

broader range of thickness. Lines, once equipped with two levelers can now do the same job with one machine. "Our customers can save production area by integrating a HiCap[®] PLUS.", notes Andreas Hellriegel, sales engineer at ARKU. Downtimes can be reduced also. Significant time savings result from the HiCap[®] PLUS levelers short set-up and cleaning times. The bottom roller cassette is also removable separately for quick and easy clean-out of dirt and material residues in the leveling unit.

Please, visit us!

**Euro
BLECH
2008**

Hannover

21.10. - 25.10.08

Hall 27 - Booth G42

Quotation

*"Pleasure
in the job
puts perfection
in the work"*

(Aristotle)

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Customer-portrait:

**BEGNEAUD
Manufacturing Inc.**

USA

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In times of growing energy prices energy-efficiency is added value. ARKU HiCap® PLUS levelers are equipped with the patented drive concept Eco-Plan®. EcoPlan® significantly reduces the torque required on each cardan shaft. The power increases 30% while energy use remains constant. ARKU exhibits at the Euro- BLECH in hall 27 on stand G42. In addition to the HiCap® PLUS, the ARKU FlatMaster® is displayed. FlatMaster® is a parts leveler series for laser and flame-cut parts. The machine exhibited is a FlatMaster® 50

for sheet metal parts from 0.5 to 12 mm material thickness. Leveling tests can be made on-site with normal parts throughout the exhibition. Again, this year numerous sales and service engineers will be present at the EuroBLECH 2008 to answer specific questions. Altogether 20 employees will be available to answer specific questions of interested visitors. Again professional bartenders will mix the popular refreshing fruit-cocktails: one more great reason to stop by at ARKU's in Hall 27. ■

HiCap® leveler - highest requirements on leveling quality for thin and broad strips

CompactFeed® – helps to rise to new challenges

Küssaberg / Königsbach, Germany – Companies producing stamped parts for the automotive industry face the challenge of increased use of high tensile material and tighter tolerances. Many companies all around the

world are rising to the challenge. Two examples are the German precision stampers Feinwerktechnik Hago and the Härter Stanztechnik. ARKU is proud to have several ARKU press feeding lines currently in

rapid threading of the strip and reduces coil change times to less than 5 minutes. ARKU coil lines feed many different presses all over the world – no matter which press manufacturer. In the last 12

An ARKU CompactFeed® coil line with a 400t SynchroPress at Härter Stanztechnik in Germany. (www.härter.com)

Juergen Metz, ARKU sales engineer, together with Hartmut Arzner and Klaus Göhrig from Feinwerktechnik Hago in front of the new 1250t MüllerWeingarten press with ARKU CompactFeed® coil line. (www.hago-ft.de)



use at both companies. The last two coil lines ARKU delivered were CompactFeed® press feeding lines. These compact coil lines are half the size of a standard line with loop and can handle thick and strong material. The robust CompactFeed® press feeding lines ensure more availability for the whole press line. The hinged feeder straightener CompactFeed® enables

months, ARKU set-up coil lines in China, Canada and the United States with presses from India, Japan and Slovenia. "We have more than 40 years of experience in producing coil lines," said Ewald Hund, Technical Manager of ARKU. "We already worked together with press-manufactures from all over the world." ■

ARKU-Ticker ▶

New preview for high-capacity levelers

The brand-new ARKU preview for high-capacity levelers is now available. The 8 sided brochure shows the interested reader how to increase capacity for complete coil-lines by using high-performance levelers. Interested? Come get your "hot off the presses" sample today.

Advanced leveling with FlatMaster® 120

Moerdijk, Netherlands – With nearly 50 years of experience Europe Steel Center in the Netherlands is now the state-of-the-art in its industry. Providing top quality solutions

at a competitive price for their customers is the base philosophy of the company. The core competence of Europe Steel Center is cutting technology; autogenous cutting, plasma cut-

requiring tightest tolerances are leveled in a fully automated line. High standards are applied to cutting and leveling technology to produce top quality results. Europe Steel Center

New production hall – via roller conveyor the FlatMaster® 120 is integrated in the cutting line.



User-friendly operator console with setting-memory makes the FlatMaster® easy to operate.

ting and laser cutting are alternately applied to get the best results for each customer. Since 2008 the steel service center has run a FlatMaster® 120; the ARKU parts leveler for flame-cut parts up to 35mm material thickness. Flame-cut parts

recently built a brand-new production hall scheduled for a grand opening in September 2008. Advanced, fully automated and integrated machinery for cost-efficient production of flat thick parts – that is Europe Steel Center from the Netherlands. ■

Close to the customer

ARKU visits steel-service-centers in Bochum and Duisburg (Germany)

Thomas Jüdicke, technical direction TKS-SC in Bochum, in dialogue with Albert Reiss, president of ARKU and Franz Huber, director of production.



Bochum/Duisburg – Every year ARKU's sales and engineering teams get together to visit companies in the sheet metal industry. On-site visits provide a better understanding

of challenges and reveal new trends in the industry. This year's journey led the ARKU team to Duisburg and Bochum. They had the chance to see two steel service-centers from Thyssen Krupp AG, "Thyssen Krupp Maßblech" in Duisburg and "Thyssen-Krupp Steel-Service-Center" in Bochum. Both locations de-



ARKU sales engineers Johannes Decker and Christoph Siegel discussing actual impressions.

livered valuable insights into interesting applications. Numerous notes taken from operator and production manager explanations brought a deeper understanding of real challenges and specific requirements of steel-service-centers. Finally, lessons of the day were recorded and discussed. Increasing capacity

continues to be the main objective of steel-service centers. In the evening, the ARKU team enjoyed a fascinating guided-tour through 2000 year old Bonn. They learned more about Beethoven's birth place and listened to entertaining stories about politics and politicians in Germany's former capital. ■

Replacing levelers

Levelers are the core of each coil line. Changing the leveler is a good alternative to investing in a whole new plant. ARKU precision and high capacity levelers set-up coil plants for increasing requirements on precision and high tensile materials.

New web presence

ARKU Maschinenbau will present its new web presence just before EuroBLECH 2008. The new version of the website will be online in six languages. For news in leveling technology please visit our website at www.arku.com.

pays homage to
"Old-timers" at the
Summer Festival

ARKU "old timers". With Manfred Mussler celebrating his jubilee of 40 years at ARKU - he really is a veteran in the ARKU assembly hall. Klaus Klinger celebrated his jubilee of 25 years, an ARKU toolmaker of the old school. Fabrice Leininger, Gerald Khim, Sascha Hutzler and Michael Müller were hon-

Every year the ARKU team and associates say goodbye to summer with a bang. Sunny weather, good food and happy guests created a great



atmosphere at this year's Summer Festival. The cover band "But-Stones" got the audience rolling and kept them rocking far into the night. The band took the ARKU team on a rocking trip through 45 years of the Rolling Stones. The celebration proved to be a perfect setting to thank the

ored for 10 years of ARKU loyalty. The family-owned company is proud to rely on so much experience. On the occasion of ARKU's 80th anniversary and the 50th birthday of its President Albert Reiss, this year's Summer Festival was celebrated in a big way!

Personality

Johannes Decker

Nearly 14 years ago, in 1995, Johannes Decker joined the ARKU Team as the first trainee with a degree in engineering of the company. After completing his academic studies



construction, the 28-year-old trainee learned everything first-hand. Afterward he moved to the sales department. Johannes Decker – a longtime experienced specialist in development, sales consulting and service of coil preparation lines for roll-forming – today he is head of this business segment.

Personally, as head of his family, in his leisure time, Johannes finds it rewarding to spend time with his wife and kids. Water sports enthusiasts, the whole family loves boating. They've enjoyed use of their own boat in places like France and Croatia.

So, if you have any questions about boating, sailing or coil preparation lines for rollforming, please do not hesitate to contact Johannes directly:

Starting in assembly and

johannes.decker@arku.de

Manufacturing Inc.

Passionate about technology and always looking for new ways to do things better

It was obvious that only a leveler with the ability to level different parts with varying thickness, sizes and cuts was needed for processing a wider range of parts. BEGNEAUD Manufacturing recognized that the FlatMaster® would meet their demands for quality craftsmanship on a wide range of parts.

In August a Flat-Master® 50 was delivered to Lafayette Louisiana, USA. Besides better leveling

BEGNEAUD Manufacturing, Inc. is a comprehensive sheet metal service and solutions provider able to serve all sheet metal needs, whether operational or ornamental.

The evolution of BEGNEAUD Manufacturing, Inc. from a one-

Headquartered in Lafayette, Louisiana, USA – the sheet metal specialist serves a variety of industries; including oil, gas, agriculture, aviation, aerospace, automotive, advertising, architecture, art, communications, food processing, hospitality, mar-



BEGNEAUD Manufacturing-employee, leveling parts with the FlatMaster® 50

man welding operation to a comprehensive sheet metal manufacturing service company is the realization of a vision for Donald Begneaud, company founder. His interest in welding started at 14 when he began crafting metal sculptures to exhibit in art shows throughout Louisiana. As Don's passion for the craft grew, he decided to enter the field professionally. Today BEGNEAUD Manufacturing has a staff of about 70 employees to provide services from simple welding to a full line of high-tech manufacturing.

ine, the medical profession, and many others.

Because for them it's a craft, not just work, BEGNEAUD Manufacturing always keeps up with latest advances in technology and develops new techniques of their own. The US company has a passion for technology and always looks for new ways to improve.



Don Begneaud, company founder

results, the FlatMaster® was chosen because it provides quick and easy cleaning with the quick-change system and user friendly operator instructions and setting-memory. ARKU is proud to have the confidence of BEGNEAUD Manufacturing. If you need a comprehensive sheet metal service and solutions provider to serve your needs, contact: BEGNEAUD Manufacturing.

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Exterior view BEGNEAUD Manufacturing Inc.